



TEXTILE INDUSTRY

USES INJECTION QUILLS FROM
CRYSTAL INDUSTRIAL





PURPOSE OF INJECTION QUILLS IN TEXTILE INDUSTRY

In textile manufacturing, precise chemical dosing is crucial. Injection quills accurately and consistently inject chemicals into a process stream. They can be used in a variety of textile manufacturing processes, including dyeing, printing, and finishing. One of the main benefits of using injection quills in textile manufacturing is that they help improve process efficiency. By precisely controlling the amount of chemicals added to the process stream, injection quills help ensure that the textile is produced to the desired specifications. This wastes less textile which can ultimately lead to cost savings.



© Crystal
Industrial
Syndicate



PRECISE CHEMICAL DOSING

Injection quills are designed to provide precise dosing of chemicals, which helps to improve process control and reduce waste.

This is important in the textile industry, where the precise application of chemicals can have a significant impact on the quality and consistency of the final product.

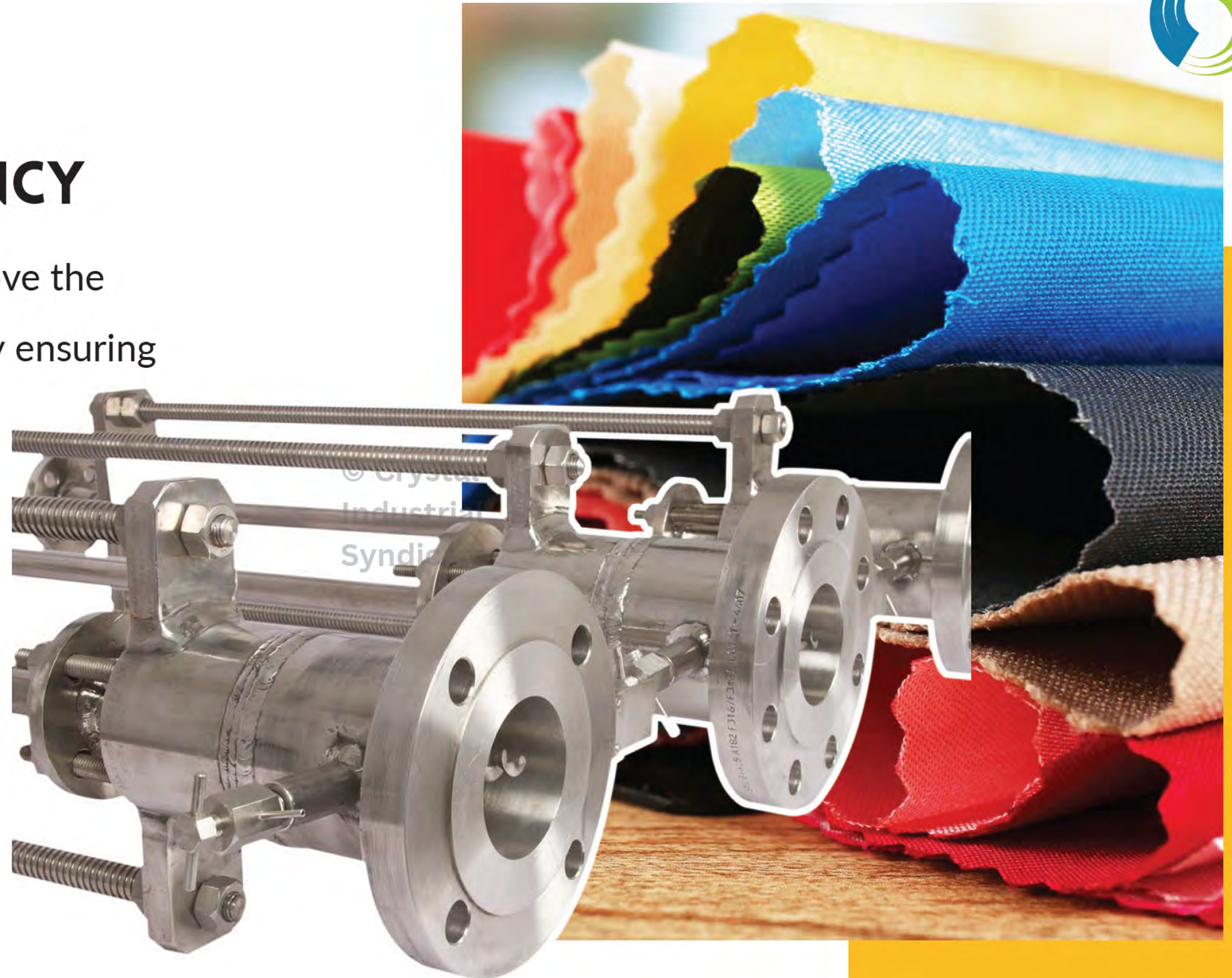




IMPROVED EFFICIENCY

Injection quills can help to improve the efficiency of textile processes by ensuring that chemicals are delivered directly to the desired location.

This reduces the risk of over- or under-dosing, which can lead to quality issues and process inefficiencies.





REDUCED DOWNTIME

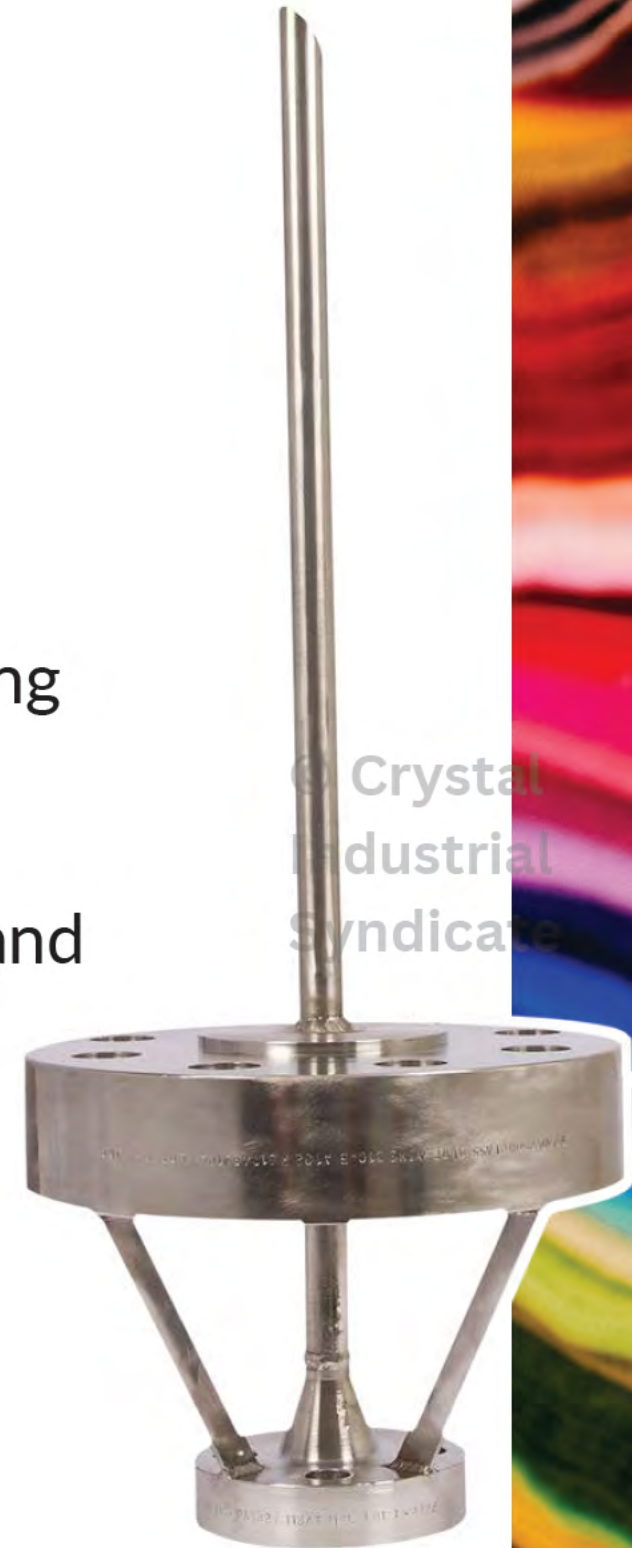
Injection quills can be used to inject chemicals into textile processes without the need for process shutdowns or downtime. This helps to improve overall productivity and reduce production costs.





IMPROVED SAFETY

Injection quills are designed with safety in mind and can help to minimize the risk of chemical exposure to workers. By automating the chemical dosing process, injection quills can help to reduce the risk of human error and minimize the risk of accidents and injuries.

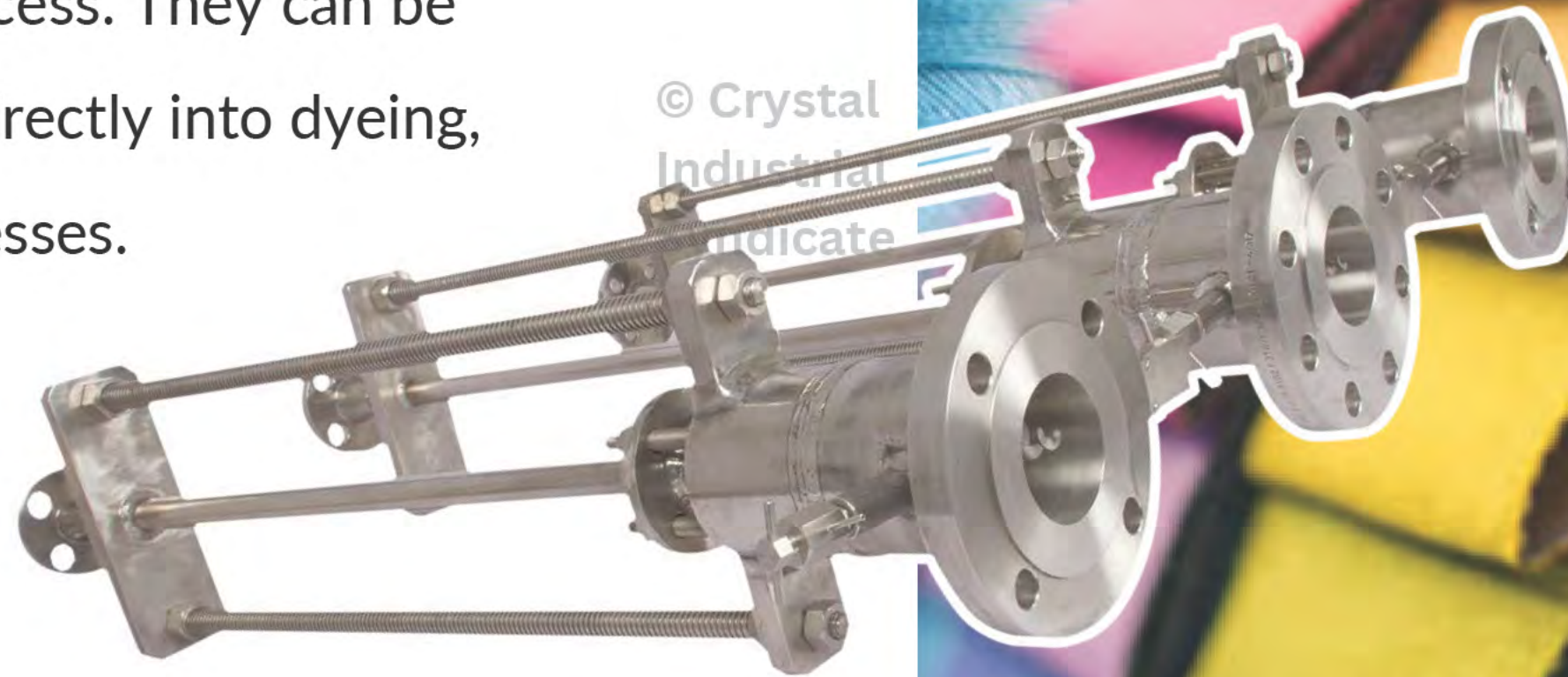


Crystal
Industrial
Syndicate



FLEXIBILITY IN CHEMICAL DELIVERY

Injection quills offer flexibility in the delivery of chemicals as they can be used with a variety of chemicals and in different stages of the textile production process. They can be used to inject chemicals directly into dyeing, finishing, or printing processes.

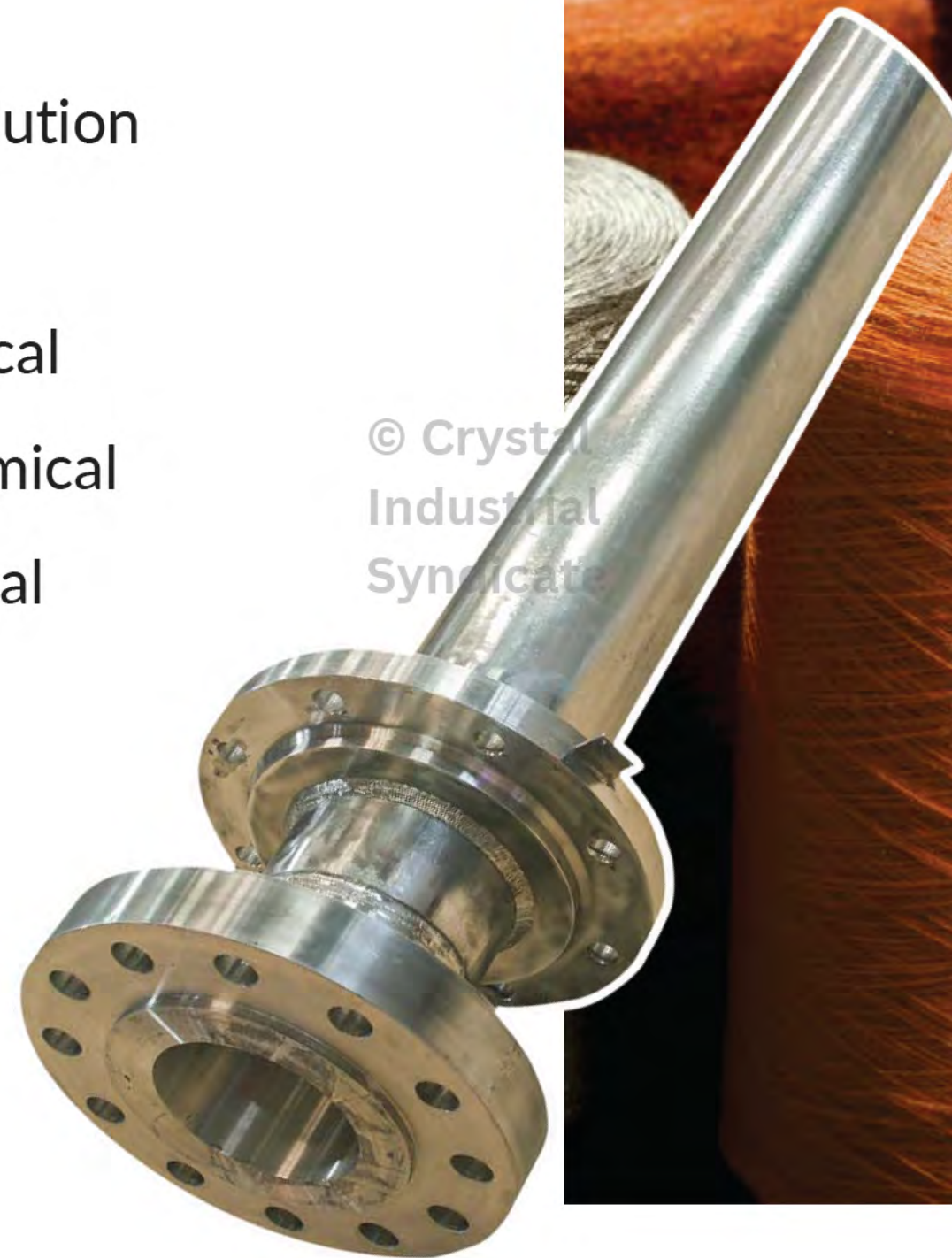


© Crystal Industrial Indicate



COST-EFFECTIVE

Injection quills offer a cost-effective solution for the delivery of chemicals in textile processes. They can help reduce chemical waste and can be used to optimize chemical usage, leading to cost savings in chemical procurement and disposal.



© Crystal
Industrial
Syndicate





IMPROVED ENVIRONMENTAL PERFORMANCE

Improved environmental performance: By delivering chemicals precisely and accurately, injection quills can help minimize the impact of chemicals on the environment. This can include reducing the volume of chemicals required, reducing the release of chemicals into wastewater, and minimizing the amount of energy required to treat wastewater.

This can help textile companies meet sustainability goals and regulations.



ADVANCEMENTS IN INJECTION QUILL TECHNOLOGY FOR TEXTILE INDUSTRY



**Smart technology
and sensors**

Advanced materials

**Automation and
robotics**

**Remote monitoring
and analytics**

CERTIFIED WORLD-CLASS

Crystal Industrial Syndicate is now accredited with:



ISO 9001:2000

for Quality Management System



ISO 14001:2004

for Environmental Management System



OHSAS 18001:2007

for Occupational Health Safety
Management System



GLOBAL CUSTOMERS

Crystal Industrial's products are installed around the world, from North America and Europe to Africa and the Middle East.

We recently completed the implementation of an order of fixed and retractable injection quills to **Sasol refineries** in USA, after complying with the stringent quality standards and specifications laid down by Sasol's engineers.



SASOL
reaching new frontiers





Crystal industrial

Crystal Industrial Syndicate Pvt Ltd

Address

412, 416 Raheja Arcade Sector 11 C.B.D.
Belapur, Navi Mumbai, Maharashtra INDIA
Pincode : 400 614

Phone +91-22-27563850

sales@crystalindustrial.in

